



05-03-01

PTO/SB/05 (4-05)

Approved for use through 09/30/2000. OMB 0551-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

See MPEP chapter 600 concerning utility patent application contents.

- \* Fee Transmittal Form (e.g., PTO-1449)  
(Submit an original and a duplicate for fee processing)
- Specification [Total Pages **32**]
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets **15**]
- Oath or Declaration [Total Pages **2**]
  - Newly executed (original or copy)
  - Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
  - DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 &amp; 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation  Divisional  Continuation-in-part (CIP)

Prior application information: Examiner \_\_\_\_\_ of prior application No. \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)				<input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below
Name	James V. Costigan, Esq. HEDMAN & COSTIGAN, P.C.				
Address	1185 Avenue of the Americas Suite 2003				
City	New York	State	NY	Zip Code	10036-2646
Country	U.S.A.	Telephone	(212) 302-8989		Fax (212) 302-8998

Name (First/Last)	James V. Costigan, Esq.	Registration No. (Attorney/Agent)	25,669
Signature		Date	5/2/01

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# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 867.00

## Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Tadayoshi NAGAOKA
Examiner Name	--
Group / Art Unit	--
Attorney Docket No.	645-144

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **08-1540**Deposit Account Name **Hedman & Costigan P.C.** Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2.  Payment Enclosed:

 Check  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	<b>355</b>
106 310	206 165	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>			<b>355</b>

## 2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims <b>28</b>	$20 \times 8 =$	<b>160</b>
Independent <b>14</b>	$40 \times 4 =$	<b>160</b>
Claims <b>14</b>	$20 \times 4 =$	<b>80</b>
Multiple Dependent <b>0</b>	$0 \times 0 =$	<b>0</b>
*or number previously paid, if greater; For Reissues, see below		

Large Entity Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9		Claims in excess of 20	
102 78	202 39		Independent claims in excess of 3	
104 260	260 130		Multiple dependent claim, if not paid with original patent	
109 78	209 39		** Release independent claims over original patent	
110 18	210 9		** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) (\$)</b>				<b>512.00</b>

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65		Surcharge - late filing fee or oath	
127 50	227 50		Surcharge - late provisional filing fee or cover sheet	
139 130	139 130		Non-English specification	
147 2,520	147 2,520		For filing a request for reexamination	
112 920*	112 920		Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*		Requesting publication of SIR after Examiner action	
115 110	215 55		Extension for reply within first month	
116 380	216 190		Extension for reply within second month	
117 870	217 435		Extension for reply within third month	
118 1,360	218 680		Extension for reply within fourth month	
128 1,850	228 925		Extension for reply within fifth month	
119 300	219 150		Notice of Appeal	
120 300	220 150		Filing a brief in support of an appeal	
121 260	221 130		Request for oral hearing	
138 1,510	138 1,510		Petition to institute a public use proceeding	
140 110	240 55		Petition to revive - unavoidable	
141 1,210	241 605		Petition to revive - unintentional	
142 1,210	242 605		Utility issue fee (or reissue)	
143 430	243 215		Design issue fee	
144 580	244 290		Plant issue fee	
122 130	232 130		Petitions to the Commission	
123 50	123 50		Petitions related to provisional applications	
126 240	126 240		Submission of Information Disclosure Stmt	
581 40	581 40		Recording each patent assignment per property (times number of properties)	
146 690	246 345		Filing a submission after final rejection (37 CFR § 1.129(e))	
149 690	249 345		For each additional invention to be examined (37 CFR § 1.129(b))	

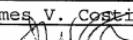
Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)**

## SUBMITTED BY

## Complete if applicable

Name (Print/Type)	James V. Costigan	Registration No. (Attorney/Agent)	25,669	Telephone	212-302-8989
Signature				Date	5/2/01

## WARNING:

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